



US Army Corps  
of Engineers



# Buffalo District FY-09 Navigation Program

Great Lakes  
Stakeholders Workshop  
February 20, 2008

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Chief, Operations Branch



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# BUFFALO DISTRICT FY 09 NAVIGATION PROGRAM (O&M ONLY)



PROJECT	\$ Thousands		
	FY09 NEED	FY09 PRESIDENT'S BUDGET	Δ
Ashtabula Harbor	12,047	1,850	10,197
Buffalo Harbor	3,075	50	3,025
Cleveland Harbor	16,810	6,710	10,100
Conneaut Harbor	1,760	350	1,410
Dunkirk Harbor	820	0	820
Erie Harbor	1,925	0	1,925
Fairport Harbor	2,816	2,026	790
Huron Harbor	1,780	1,530	250
Lorain Harbor	3,893	2,423	1,470
Ogdensburg Harbor	450	0	450
Oswego Harbor	300	0	300
Put-In-Bay harbor	0	0	0
Rochester Harbor	1,755	1,605	150
Sandusky Harbor	2,885	0	2,885
Toledo Harbor	8,356	4,701	3,655
Tonawanda Harbor and Black Rock Channel	3,325	1,235	2,090
Total:	61,997	22,480	39,517

These numbers represent an illustrative distribution of operation and maintenance activities subject to revision during the course of the year, and therefore individual project estimates should not be considered as budget amounts.



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# KEY HARBORS

- Ashtabula Harbor
- Cleveland Harbor
- Toledo Harbor



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# ASHTABULA HARBOR



Work Package	FY08 Need	FY08 Allocation	FY09 Need	FY09 President's Budget
Project Conditions Survey			40	40
E&D, Construction Environmental Dredging	2,600	2,854		
Maintenance Dredging – Primary Work Package	800		960	960
Maintenance Dredging – Backlog Work Package			1,797	
<b>Maintenance Dredging – Primary – Lower Ashtabula River (CDF)</b>	<b>4,800</b>		<b>1,400</b>	
<b>Maintenance Dredging – Primary – Outer Ashtabula Harbor (CDF)</b>			<b>7,000</b>	
Structure Repair – East Breakwater (F/P)	2,900		600	600
DMMP			250	250
<b>TOTALS</b>	<b>11,100</b>	<b>2,854</b>	<b>12,047</b>	<b>1,850</b>

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# ASHTABULA HARBOR





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# CLEVELAND HARBOR



Work Package	FY08 Need	FY08 Allocation	FY09 Need	FY09 President's Budget
Maintenance Dredging – Primary Work Package	2,350	2,530	2,500	2,500
Maintenance Dredging – Backlog Work Package				
Critical Advance Maintenance Dredging	180			
Construction, Dike 10B Dredge Material Placement Management	370	300		
E&D, New CDF	250	250	400	400
E&D, Interim CDF (Dike 12, Phase 2)			400	400
Construction, Interim CDF (Dike 12)	1,400	1,442		
E&D, Interim CDF (Dike 9)			350	350
Construction, Interim CDF (Dike 9)			2,100	2,100
Snagging & Clearing (F/P)	40	40	45	45
<b>Dredged Material Management Plan</b>	<b>120</b>	<b>120</b>	<b>100</b>	
Project Condition Surveys	110	110	65	65
Structure Repair - Breakwater - 300 LF	1,200	1,200		
<b>Construction, West Pierhead Repair</b>	<b>3,175</b>	<b>1,370</b>	<b>2,100</b>	
E&D, East Breakwater Repair (Sta 84-94)	200	200		
Construction, East Breakwater Repair (Sta 84-94)			2,700	
E&D, Ohio Area Office Finger Pier Repair	250	250		
Construction, Ohio Area Office Finger Pier Repair			3,000	
E&D, East Breakwater West End Section Repair	250	250		
Construction, East Breakwater West End Section Repair			2,200	
Environmental Compliance (CDF Monitoring, Field)	15	15		
Economic Data Collection	100	100		
Structure Repair – E & W Arrowhead Breakwater (F/P)			850	850
<b>TOTALS</b>	<b>9,835</b>	<b>8,177</b>	<b>16,810</b>	<b>6,710</b>

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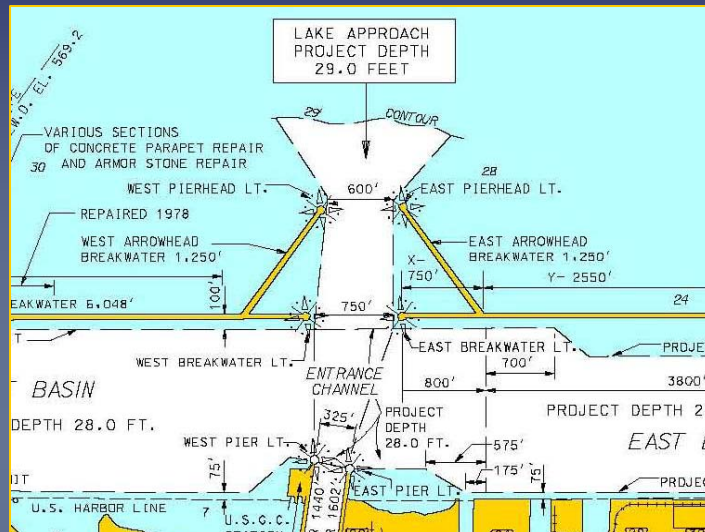




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# CLEVELAND HARBOR

## West Pierhead





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# TOLEDO HARBOR



Work Package	FY08 Need	FY08 Allocation	FY09 Need	FY09 President's Budget
Project Conditions Survey	115	115	125	125
Maintenance Dredging – Maumee Bay Primary Work Package	2,740	2,698	3,066	3,066
Maintenance Dredging – Maumee Bay Backlog Work Package			2,100	
Maintenance Dredging – Maumee River Primary Work Package	1,120	820	1,270	1,270
Maintenance Dredging – Maumee River Backlog Work Package			805	
<b>E&amp;D Island 18 Stone Repair</b>			<b>300</b>	
<b>E&amp;D Beneficial Use of Dredged Material</b>	<b>300</b>		<b>300</b>	
Dewater Cell 1, 2 & Island 18			90	90
<b>E&amp;D Island 18 CDF Reutilization</b>			<b>150</b>	
E&D Fill Management of Cell 2			150	150
Island 18 Weir Repair	300	278		
<b>TOTALS</b>	<b>4,575</b>	<b>3,911</b>	<b>8,356</b>	<b>4,701</b>

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# TOLEDO HARBOR





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